Original / Duplicate / Triplicate

CONTRACT CERTIFICATE

No. **1st & final bill** (For Other Works) Date.....20.....

Division: Yelahanka Projects.
Bill Received No.....Dated.....Cash Book Voucher No.....dated.....
Scheduled Docket No.....

Name of Work: **Package-2** 1.Improvement of drains and resurfacing to roads in Hindu Samaja Road and Surrounding Sirke Apartment area in ward no.03, Attur. 2.Improvements of Roads at Adithyanagara in ward no 03. 3.Improvements of Roads And Drains at Santhosh Nagara and Muneshwara Nagara In ward no 03, Attur.

Job Code No: 003-18-000040, 003-18-000050, 003-18-000051. **Est. cost: 250.00 lakhs**

Name of Contractor and Full Address : Sri. Naveen Rao N (M/s Nischal Constructions).

Work Order No: EE/Project/YNKZone/WO/194/2017-18. **, Dated :** 23.03.2018.

Certified that the measurements were taken by me on 31/7/18.....and recorded in pages 1624H7-1624H55 of measurement Book No.....40...../2017-18..... and that the work is satisfactorily executed.

1625

Contractor

Officer-in-charge of work
31/7/18

Certified that the measurements were taken by me on 31/7/18 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

If Memorandum of Payment

1)	Total value of work done or supplies made as per account within		
2)	Deduct amount to be held in reserve being.....percent Rs.....		
3)	Deduct amount to be held in Balance		
4)	Deduct Payment :		
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D No.....	Total Rs.	2.83,16.400-00
	Amount adjusted towards cash advance recovery of		
	b) Payments cost store or other materials supplied.	IT -	5.66,328-00
	Now made recovery of amount creditable to this/other work	Cess -	283164-00
	Amount paid on this bill Cheque/Cash	CBF -	28316-00
5)	Balance being unpaid value of work done held in reserve	LR -	311480-00
6)	Deduct cash advance made on the office Cash Book Voucher No..... date .....less adjustments	Adju.	1189288-00
7)	Net amount due to or from contractor	Cheque.	2,71,27,112-00
	'Unadjusted items		
8)	Advance to contractor for materials brought to site (as detailed) within value of Governme materials supplied		

31/7/18

Contractor's Signature

Received Rs.....(in words)
By Cash and by adjustment of Payment as per memorandum.

Witnesses :

1.

2.

Dated.....Signature of Contractor

Paid by me by cheque No.....Dated.....

Cash Rs.....Dated.....

(For use in the Office)

Audited & Admitted for Rs.....
Rs. 2.83,16,400-00
.....
Rs. 2.71.27,112-00 by Cheque
and Rs. 1189288-00 by Adjustment

Acctg. Suppdt.
Project Division
B.B.M.P.
8/8/18

Exe. Engineer
Project Division
B.B.M.P.
1/8/18

Initials of Officer Making Payment

Executive Engineer

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Package-2 1Improvement of drains and resurfacing to roads in Hindu Samaja Road And Surrounding Sirke Apartment area in ward no.03, Attur. 2Improvements of Roads at Adithyanagara In ward no 03 3Improvements of Roads And Drains at Santhosh Nagara And Muneshwara Nagara In ward no 03, Attur

ABSTRACT

Sl No	Description of Work	Unit	As per Shedule -B			Previous Measurement		Present Measurement			Up to date	
			Qty	Rate	Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
1	Removing & Refixing Stone Slabs of drains and Pointing in C.M(1:3).	Sqm	4211.64	103.0	433798.92	–	–	4211.34	103.0	433767.51	4211.34	433767.51
2	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete. 7.5cm thick	Sqm	1123.10	849.0	953515.30	–	–	1122.99	849.0	953418.51	1122.99	953418.51
3	Providing precast slab of 100 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge	Sqm	577.80	2415.0	1395387.00	–	–	577.80	2415.0	1395387.00	577.80	1395387.00
4	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 1.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.	Cum	2351.47	225.0	529079.63	–	–	2350.18	225.0	528791- ~~528789.38~~	2350.18	528791- ~~528789.38~~

5	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @ 0.465cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.	Cum	114.95	6827.0	784780.72	–	–	114.81	6827.0	783807.87	114.81	783807.87
6	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mmand down size graded granite metal coarse aggregates @0.0.69cum and fine aggregtes @ 0.460cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.	Cum	206.21	8133.0	1677065.27	–	–	206.15	8133.0	1676650.48	206.15	1676650.48

7	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour	Sqm	1543.20	396.0	611107.20	_	_	1543.20	396.0	611107.20	1543.20	611107.20
8	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as	MT	12.87	82006.0	1055540.23	_	_	12.87	82006.0	1055417- ~~1055493.40~~	12.87	1055417- ~~1055493.40~~
9	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.	Cum	36.54	6772.0	247448.88	_	_	36.44	6772.0	246772- ~~246778.45~~	36.44	246772- ~~246778.45~~
10	KSRB - 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates at 0.78cum and fine aggregates at 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms.thick, well compacted, in foundation, plinth and cills including cost of all materials, labour, HOM of machinery, curing complete as per specifications	Cum	5.22	7102.0	37072.44	_	_	5.22	7102.0	37072.44	5.22	37072.44

11	Providing precast slab of 250 mm thick including cost of all materials, labour, curing,transportation,loading ,unloading,etc.,complete as per the direction of engineer in charge	Sqm	115.80	5877.0	680556.60	–	–	115.80	5877.0	680556.60	115.80	680556.60
12	KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transporting to the embankment location to a lead of 1km and complete as per specifications.	Cum	3840.91	177.0	679840.63	–	–	3839.91	177.0	679664.12	3839.91	679664.12
13	KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per	Sqm	10408.15	7.0	72857.05	–	–	10408.15	7.0	72857.05	10408.15	72857.05
14	KSRRB M400-6.1. Construction of granular sub-base by providing close graded material, crushed stone aggregates of granite/trap/basalt material, mixing in a mechaical mix plant at OMC, carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specifications. A. Plant Mix Method.Close graded granular sub-base material as per 400-1 For Grading- II Material	Cum	1561.22	2125.0	3317597.81	–	–	1560.57	2125.0	3316205.19	1560.57	3316205.19

15	KSRRB M400- Wet Mix Macadam - KSRRB M400-17. Providing, laying, spreading and compacting graded stones aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.	Cum	2111.63	2256.0	4763837.28	-	-	2111.52	2256.0	4763577.84	2111.52	4763577.84
16	Providing and applying primer coat with ss bitumen emulsion on prepared surface of granular base such as WMM including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means complete as per specifications.	Sqm	11905.85	35.0	416704.75	-	-	11905.06	35.0	416677.10	11905.06	416677.10
17	KSRRB M500- 15. Providing, laying dense graded bituminous macadam using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II (50mm to 75mm), crushed aggregates of specified grading premixed with 4.5% VG 30 grade bituminous binder and , transporting the hot mix to work site , laying to the required level and grade, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.	Cum	592.56	9088.0	5385208.00	-	-	592.47	9088.0	5384399.17	592.47	5384399.17

18	KSRRB 500-7:Providing and applying tack coat with bitumen emulsion using 80/100 grade bitumen (VG20) on the prepared black toped suface at 2.5kg per 10 sqm, heating bitumen in boiler fitted with spray set (Excluding cleaning of road surface) including cost of all materials, labour, HOM of Machineries complete as per Specifications.	Sqm	13627.05	15.0	204405.75	–	–	13627.05	15.0	204405.75	13627.05	204405.75
19	KSRRB M500- 15. Providing, laying bituminousConcrete using 40/60 THP capacity H.M.P with Mechanical paver Gr-II (30mm to 45mm), crushed aggregates of specified grading premixed with 5.4% VG 30 grade bituminous binder and , transporting the hot mix to work site , laying to the required level and grade,rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH Specification clause No.500.9 complete in all respects complete as per	Cum	441.00	10363.0	4570088.18	–	–	441.00	10363.0	4570088.18	441.00	4570088.18
20	KSRRB M800-13: Road marking with hot applied thermoplastic compound with reflect rising glass beads on bituminous surface- providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface to level, uniform and free from streaks and holes complete as per specifications.	Sqm	599.20	694.0	415844.80	–	–	598.66	694.0	415466.57	598.66	415466.57

21	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete	Nos	133.00	423.0	56259.00	–	–	133.00	423.0	56259.00	133.00	56259.00
22	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications.	Sqm	434.00	81.0	35154.00	–	–	421.02	81.0	34101- 34102.62	421.02	34101- 34102.62
	Total				**28323149.42**					**28316531.43**		**28316531.43**

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

Rs. 2,83,16,400- Rs: 2.83,16.400-

Contractor.

Newzen Consultants Bangalore

Assistant Engineer
31/7/18

Asst. Executive Engineer, 31/7/18